

Title (en)
Cutting device for/at agricultural harvesters

Title (de)
Schneidwerk für/an landwirtschaftlichen Erntefahrzeugen

Title (fr)
Dispositif de coupe pour /dans des machines de récolte

Publication
EP 1584226 A3 20090812 (DE)

Application
EP 05007354 A 20050405

Priority
DE 102004017080 A 20040407

Abstract (en)
[origin: EP1584226A2] A system of cutting blades, especially for a press duct of a fodder harvester, has two sets of retracting blades, with at least one blade (5) separately mounting to the other blades (3). The front ends of the blades have a pivot mounting on a fixed bar (6) with the rear ends of the blades gripped by crank arms to raise or retract the blades. One set of blades is controlled by a first set of crank arms (9) fitted to a first control shaft (10) which is rotated by a servo cylinder (13) and a drive crank arm (12). The other set of blades is controlled by a second set of crank arms (15) pivot mounted on the first control shaft and rotated about the first control shaft by a second servo cylinder (22) and a double armed drive crank (18). Each servo cylinder is fitted with a separate hydraulic overload protection to retract its set of blades.

IPC 8 full level
A01F 15/10 (2006.01); **A01D 90/04** (2006.01)

CPC (source: EP)
A01D 90/04 (2013.01); **A01F 15/10** (2013.01); **A01F 2015/107** (2013.01); **A01F 2015/108** (2013.01)

Citation (search report)

- [YD] DE 19617033 A1 19971106 - WELGER GEB [DE]
- [Y] DE 3405467 A1 19850103 - POETTINGER ALOIS LANDMASCH [DE]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
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DE 102004017080 B4 20120712

DOCDB simple family (application)
EP 05007354 A 20050405; DE 102004017080 A 20040407